

## AMENDMENTS TO THE CLAIMS

1. (currently amended) An inhaler comprising:
  - a chamber having a mouthpiece;
  - a cyclone configured as a substantially cylindrical cavity provided with a tangential inlet and an axial outlet arranged to eject an aerosol of medicament into the chamber; and
  - a drug dosing device arranged to provide a dose of powdered medicament entrained in an airflow to the cyclone;
  - wherein the ~~cyclone is configured as a substantially cylindrical cavity of a diameter of the cylindrical cavity is~~ between about 2 4 and 45 10mm;
  - and one of either a piston pump or a gas canister for providing the airflow of repeatable volume and velocity to the drug dosing device.
2. (cancelled)
3. (Previously Presented ) An inhaler as claimed in claim 1, wherein the drug dosing device is arranged to provide a dose of powdered medicament entrained in a gasflow to the cyclone.
4. (cancelled)
5. (original) An inhaler as claimed in claim 1, wherein the chamber is comparable in volume to the cyclone.
6. (original) An inhaler as claimed in claim 1, wherein the chamber has a volume of around 300 ml.
7. (canceled)

8. (canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (cancelled)

13. (original) An inhaler as claimed in claim 3, wherein the chamber is comparable in volume to the cyclone.

14. (cancelled)

15. (cancelled)

16. (original) An inhaler as claimed in claim 3, wherein the chamber has a volume of around 300 ml.

17. (cancelled)

18. (original) An inhaler as claimed in claim 5, wherein the chamber has a volume of around 300 ml.

19. (canceled)

20. (canceled)